

Figure 1.

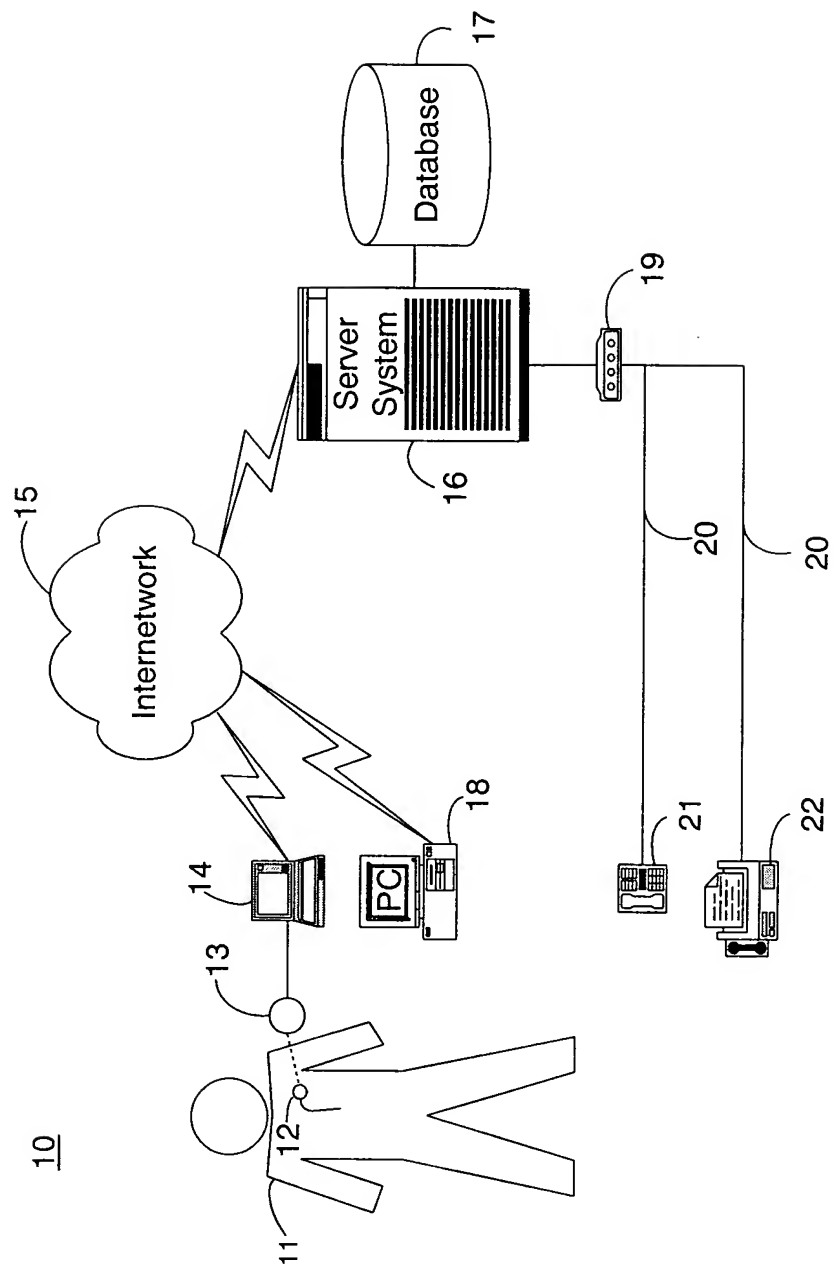


Figure 2.

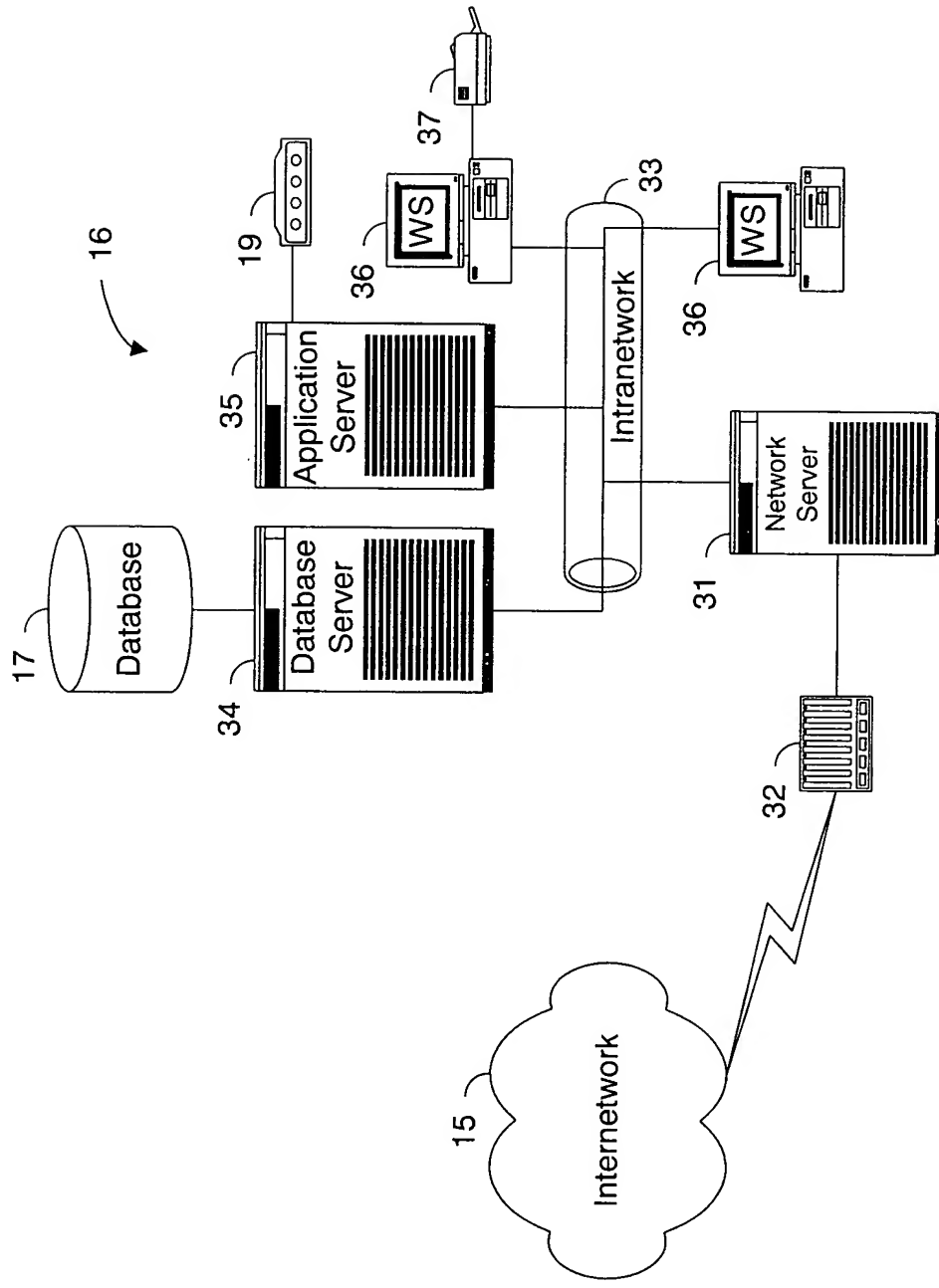


Figure 3.

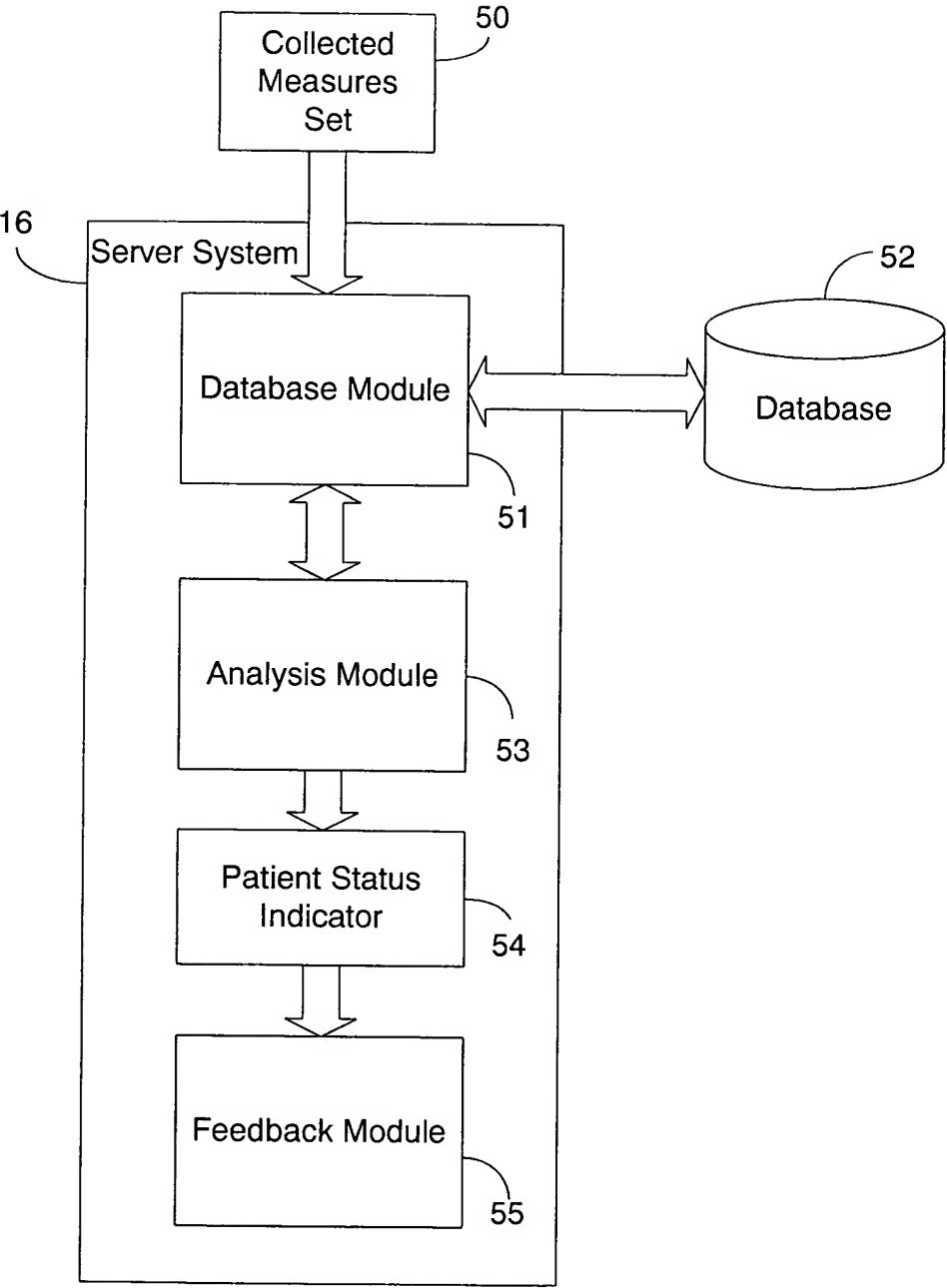


Figure 4.

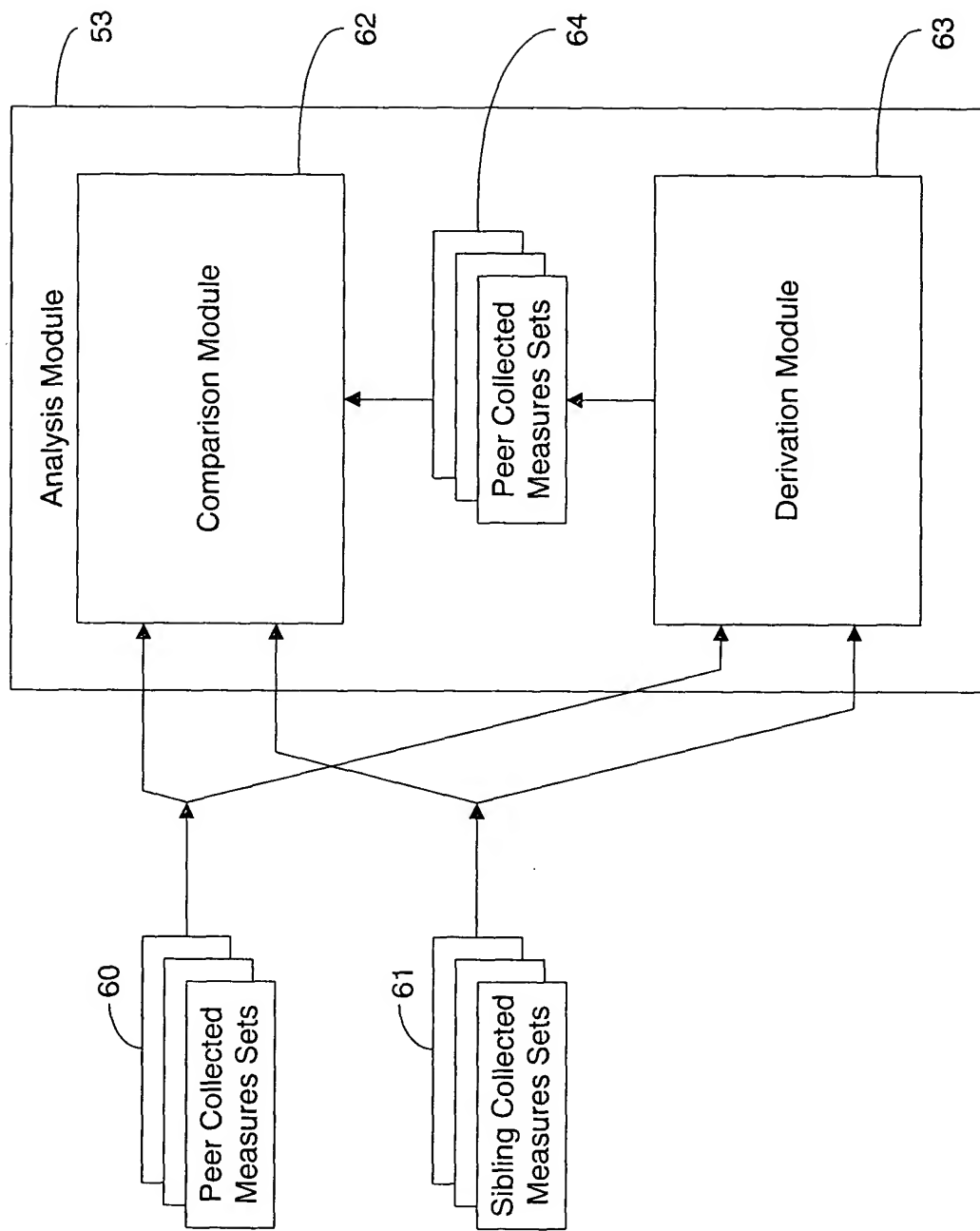


Figure 5.

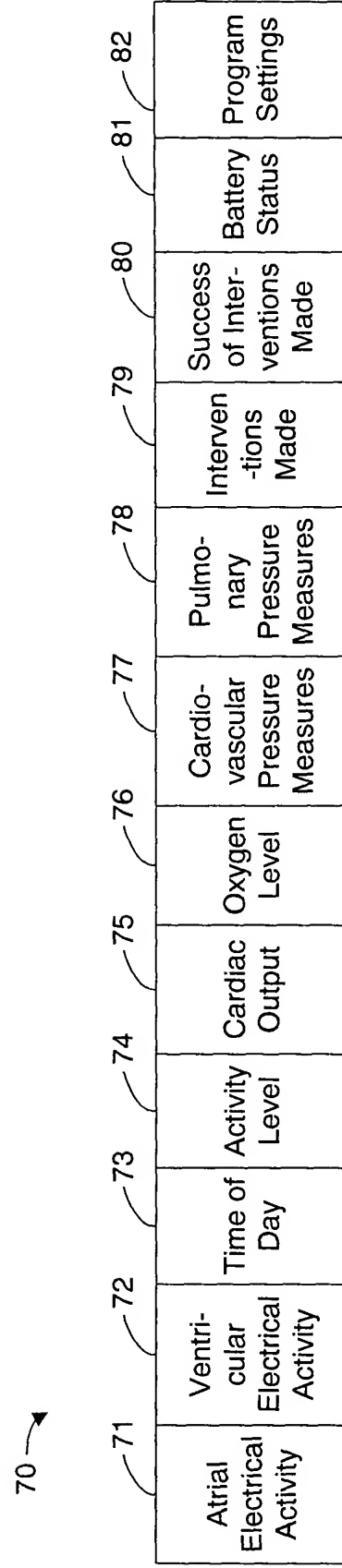


Figure 6.

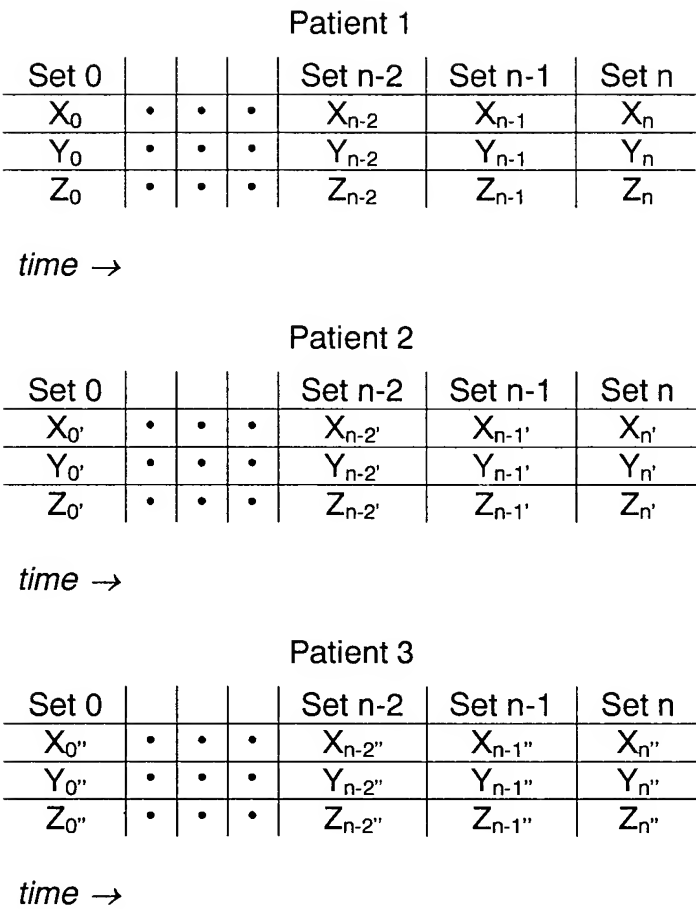


Figure 7.

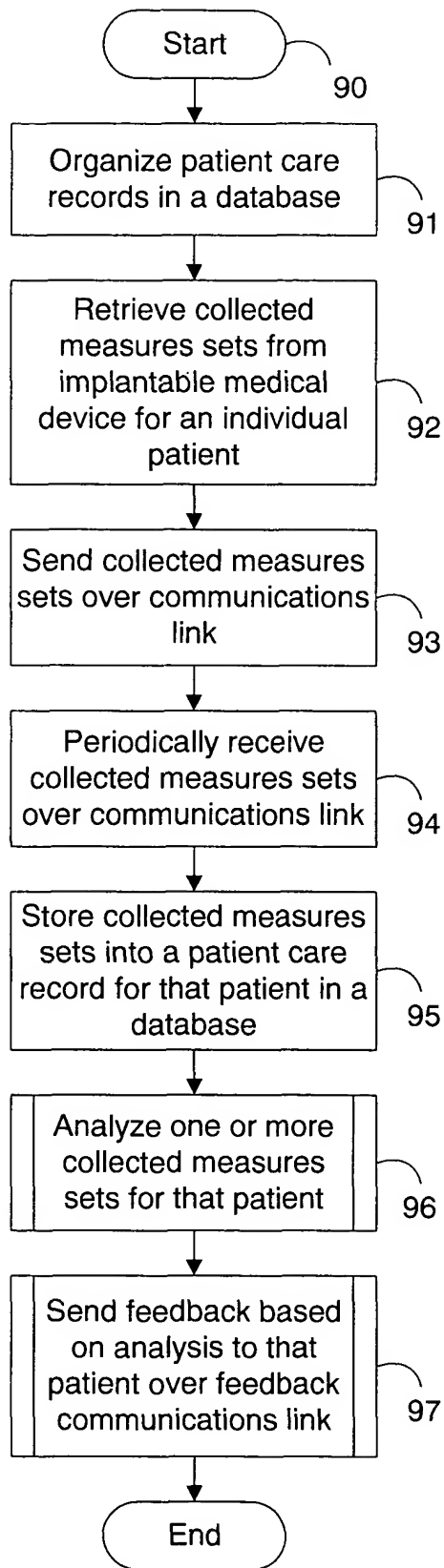


Figure 8.

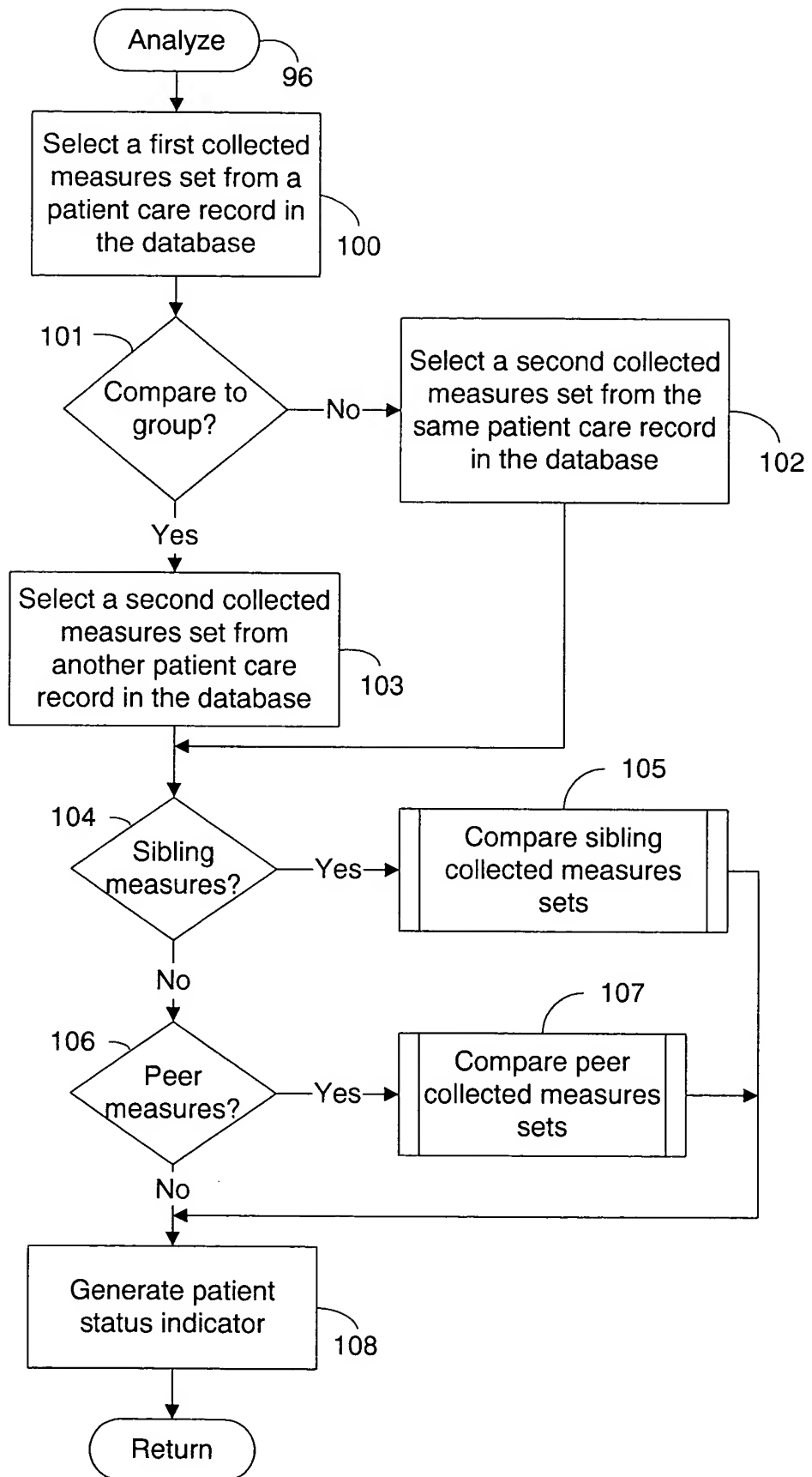




Figure 9.

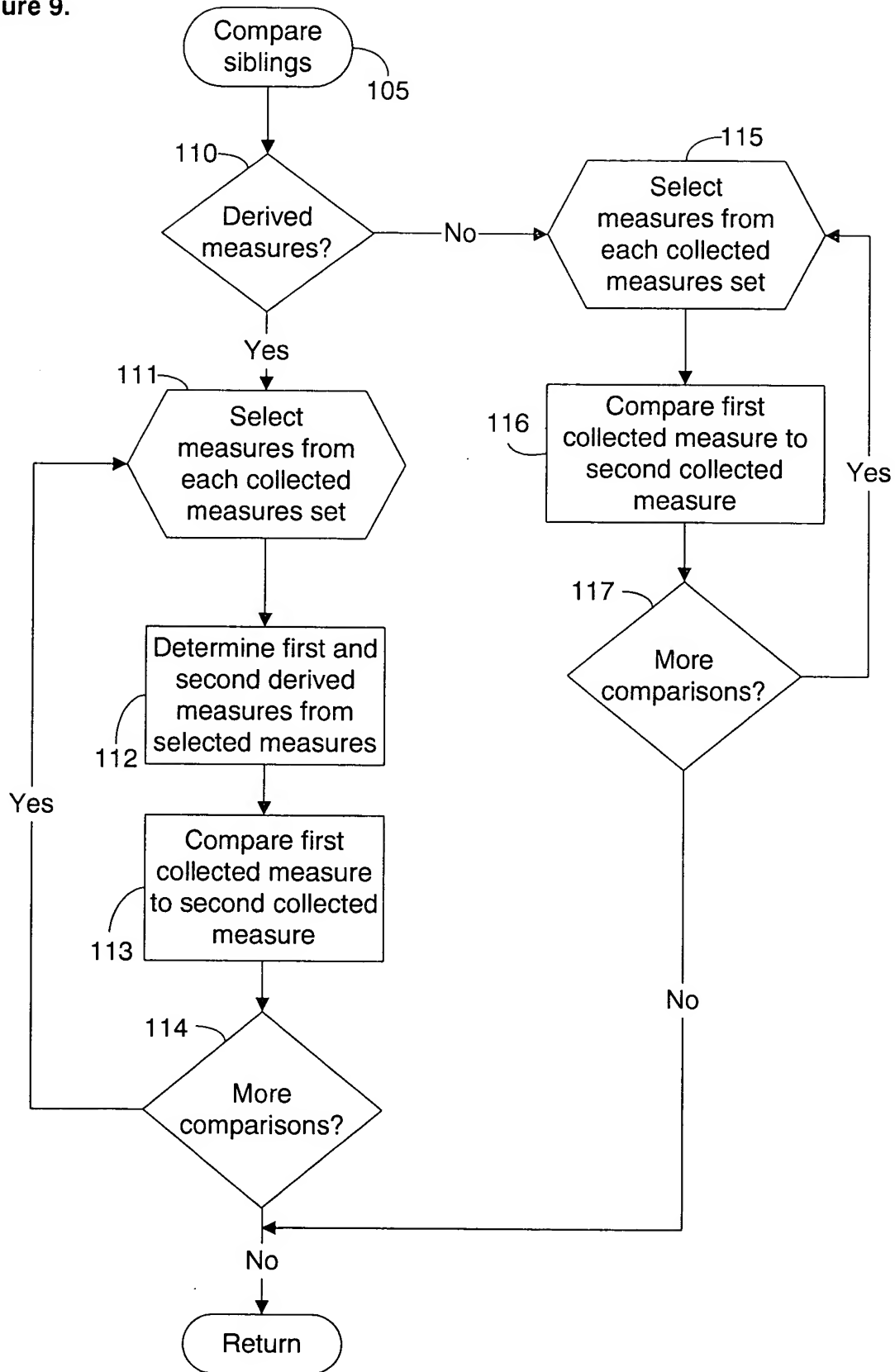


Figure 10A.

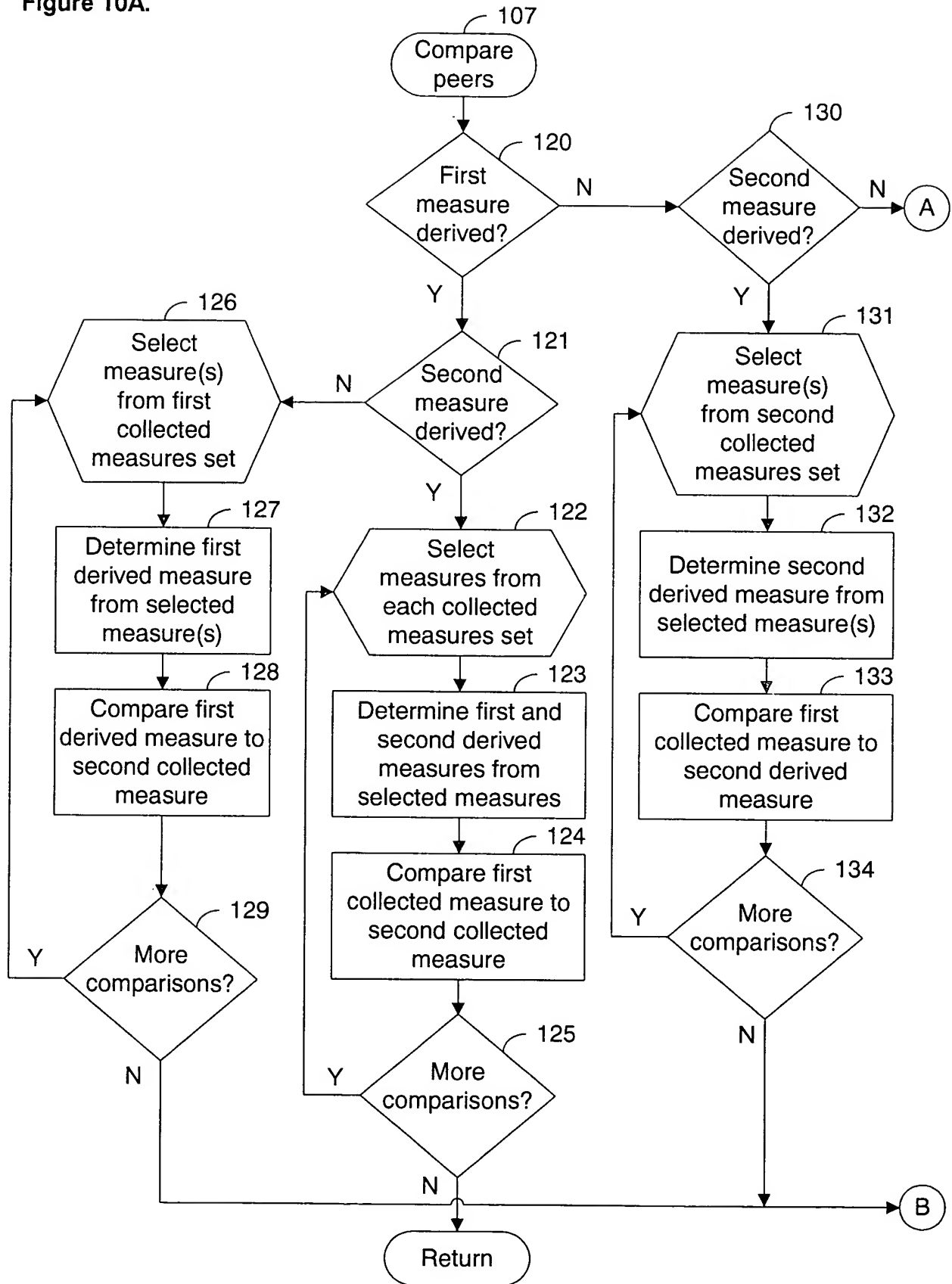


Figure 10B.

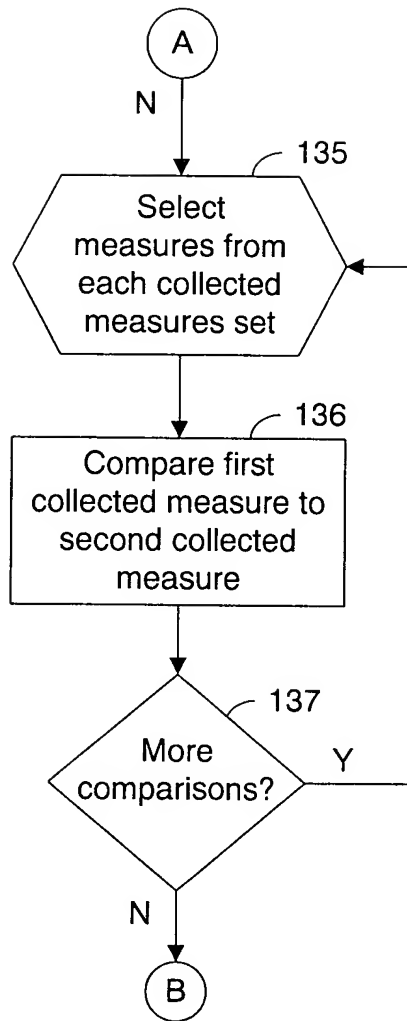


Figure 11.

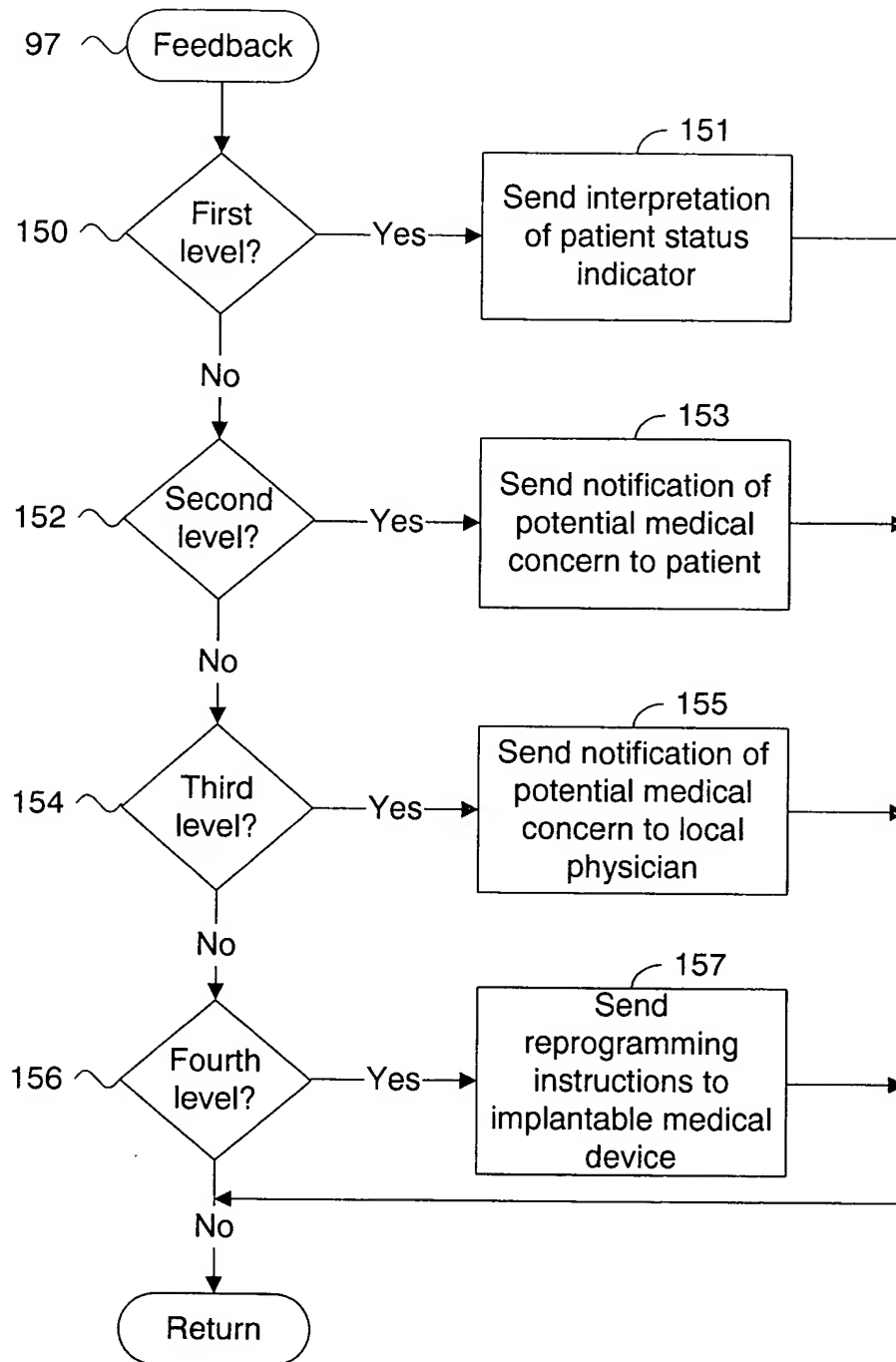


Figure 12.

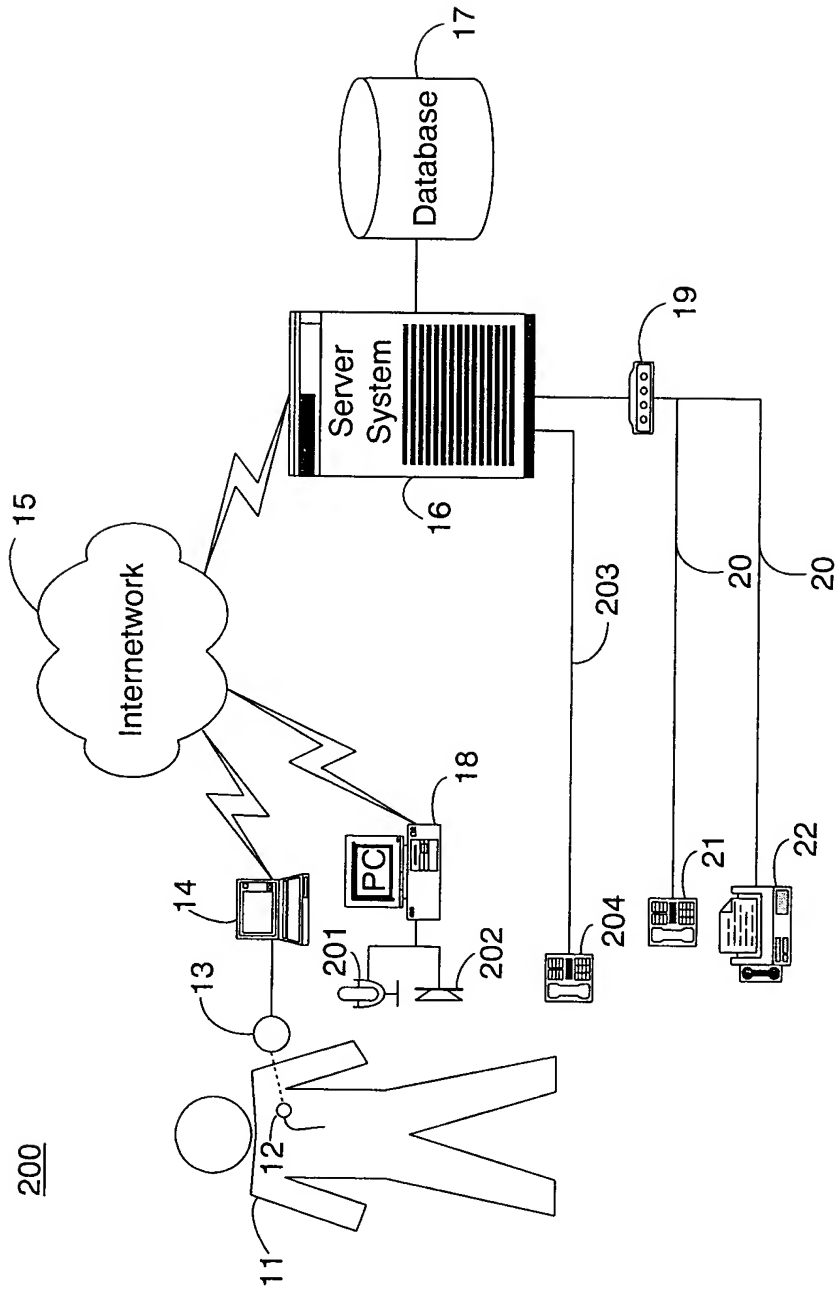


Figure 13.

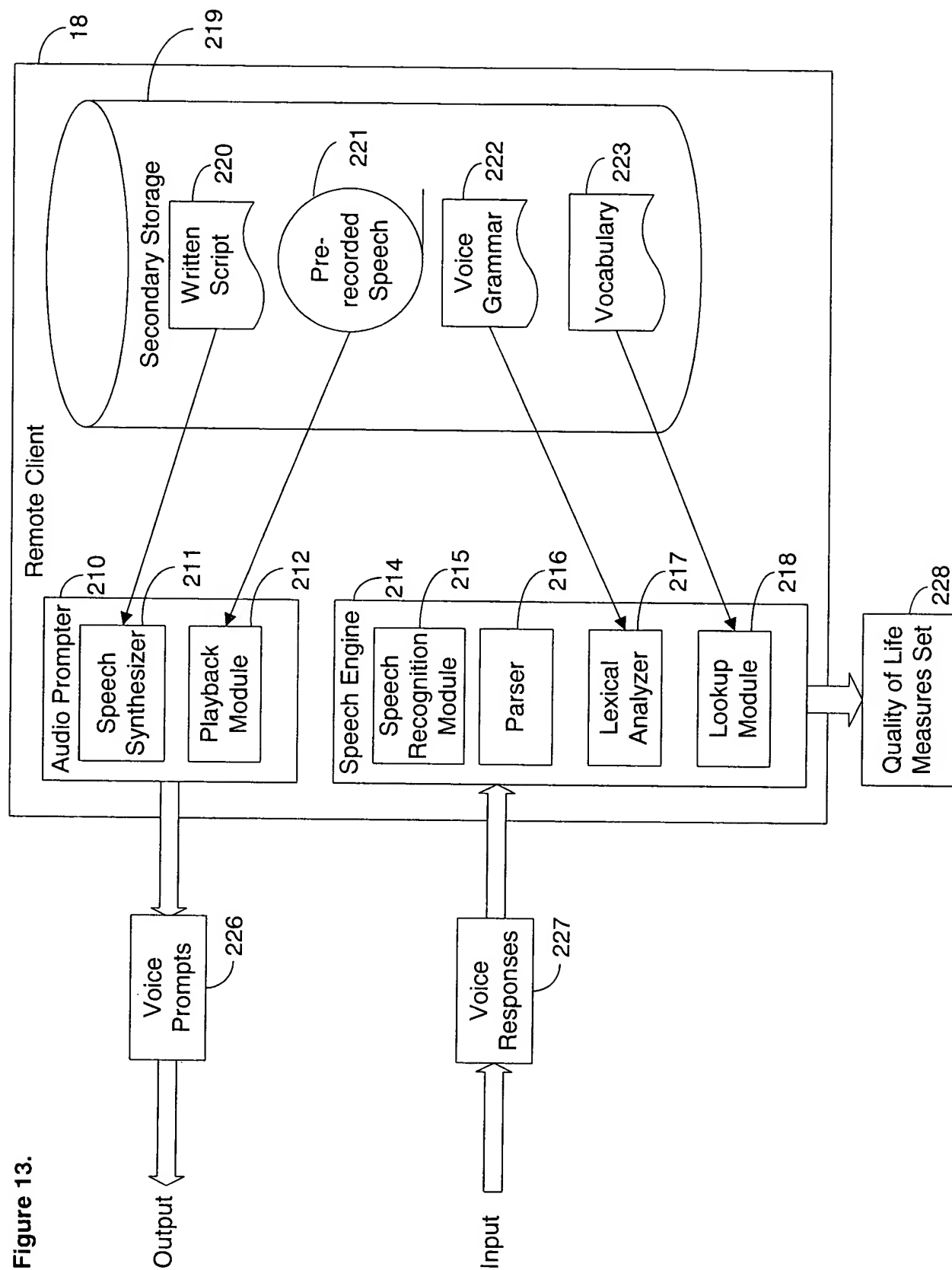


Figure 14.

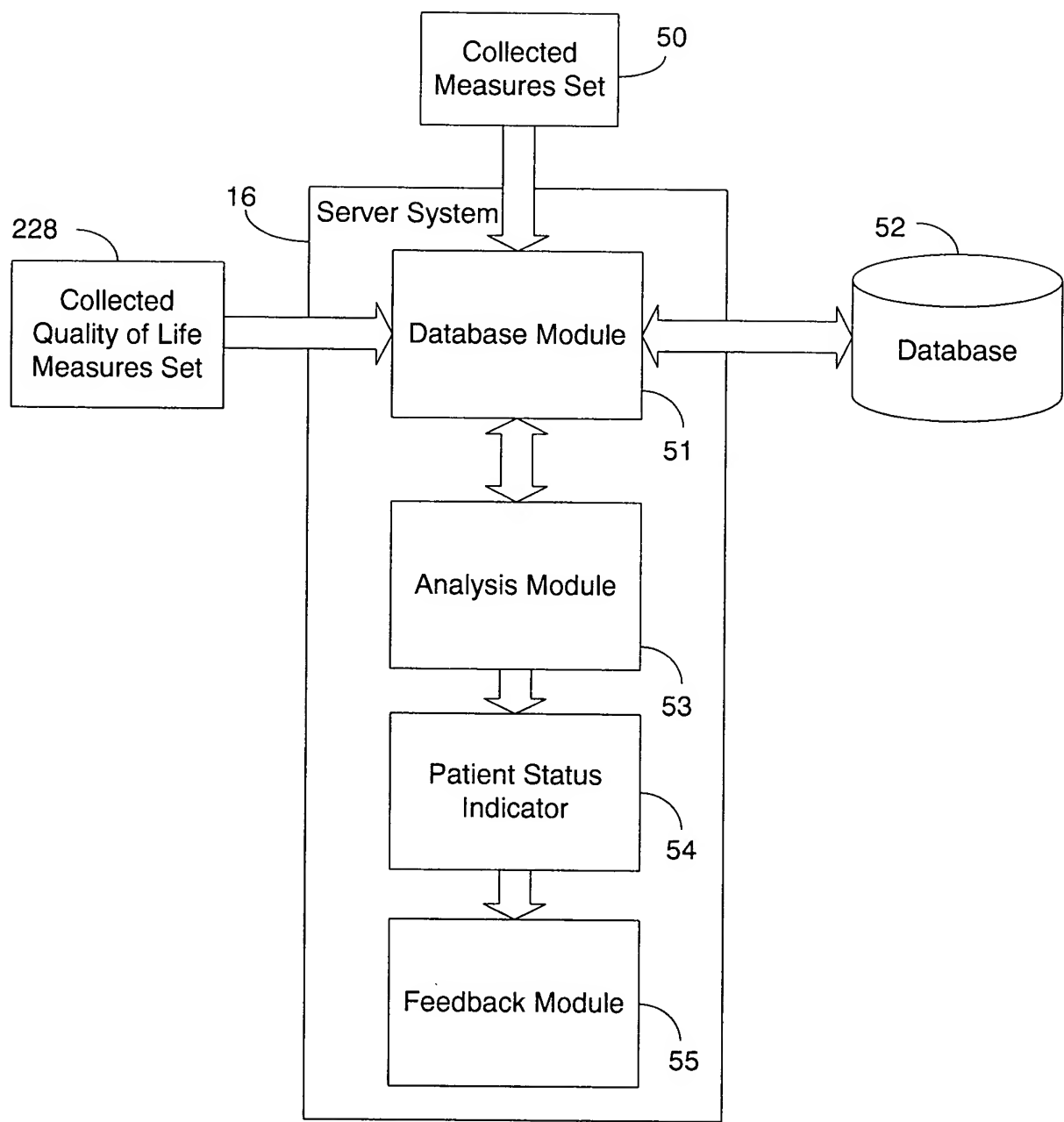


Figure 15.

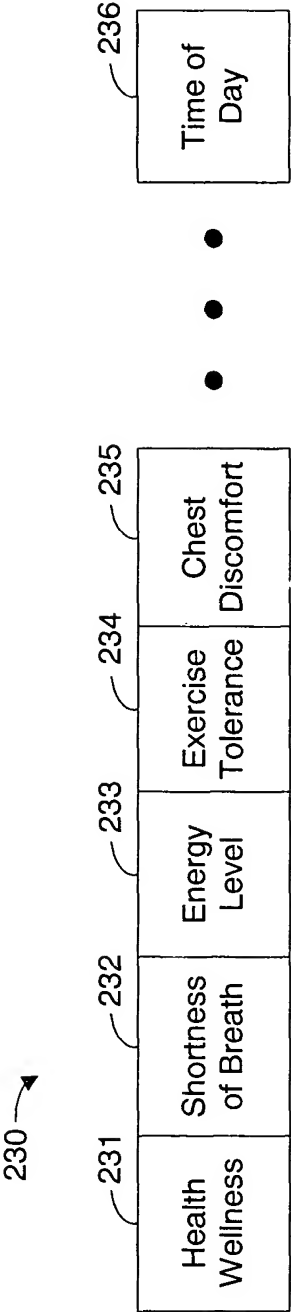




Figure 16A.

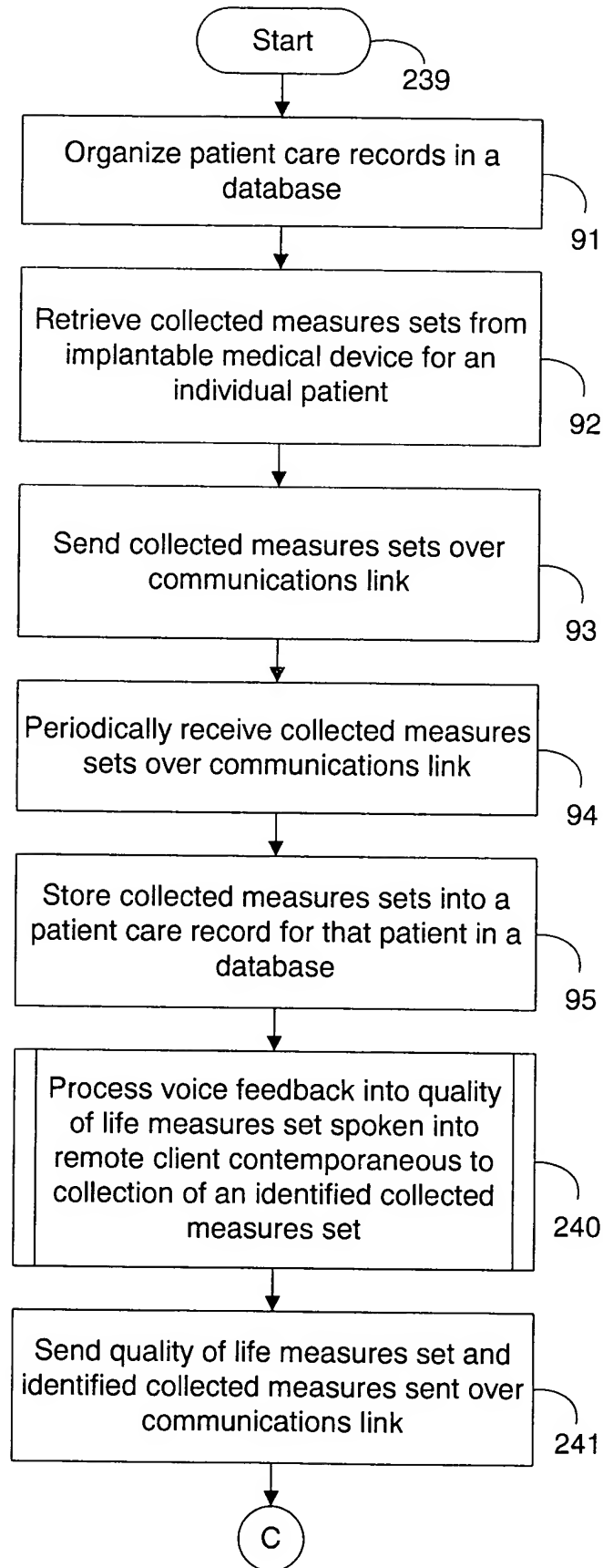


Figure 16B.

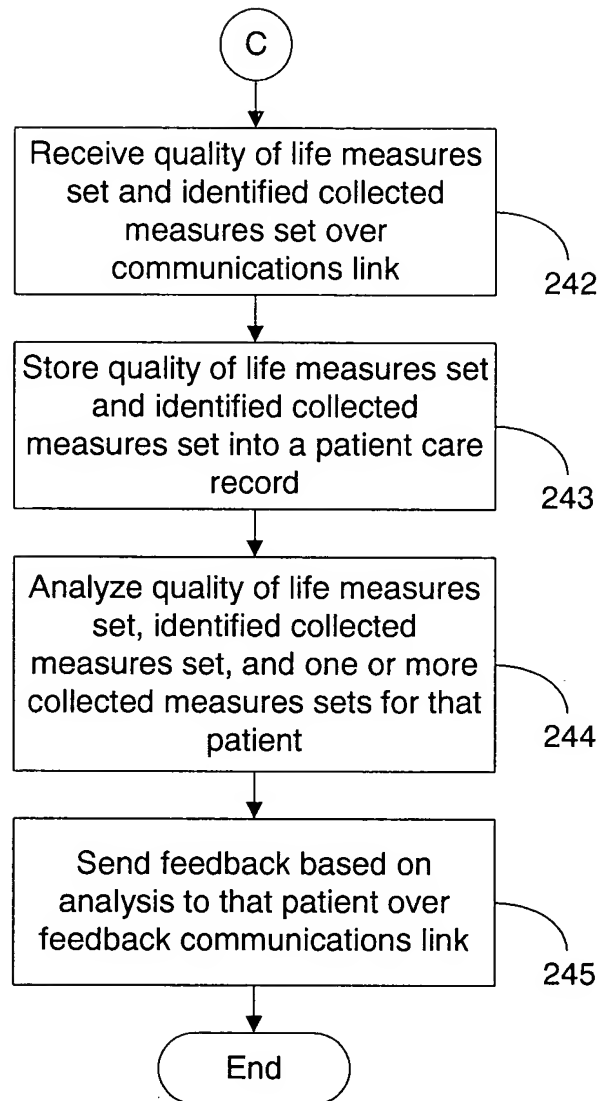


Figure 17.

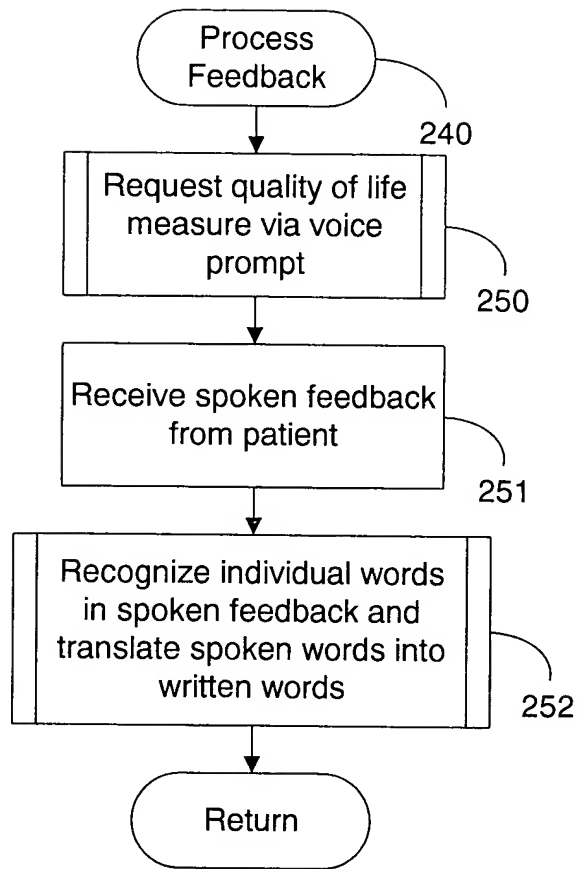


Figure 18.

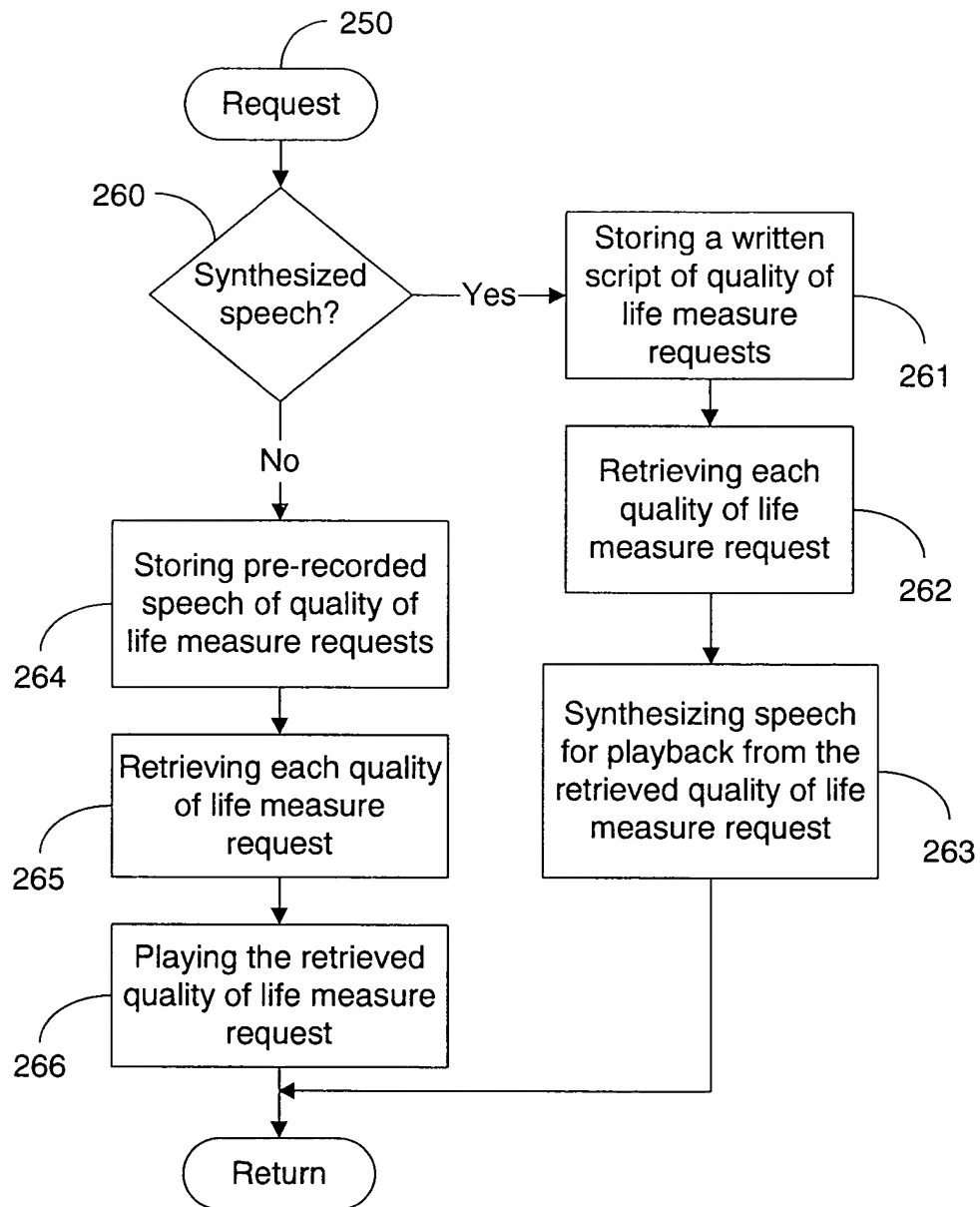
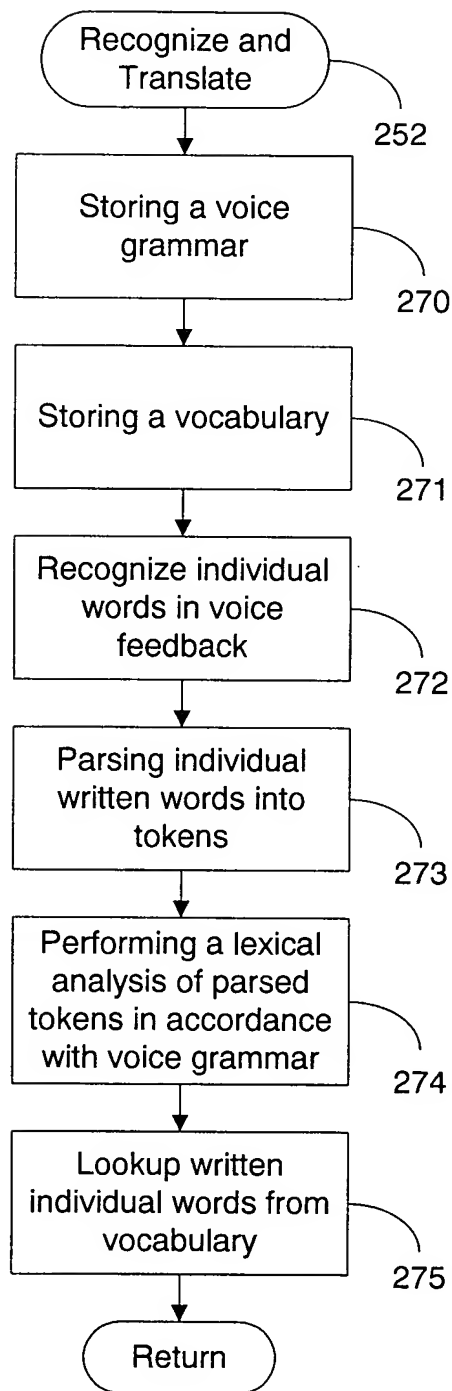


Figure 19.



The diagram illustrates a system for monitoring and managing quality of life measures. The system is divided into two main components: a **Server System (16)** and **Telephone Hardware (280)**.

**Server System (16):**

- Database Module (51):** Connected to a **Database (52)** and a **Quality of Life Measures Set (228)**.
- Analysis Module (53):** Connected to the Database Module (51) and a **Patient Status Indicator (54)**.
- Patient Status Indicator (54):** Connected to the Analysis Module (53) and a **Feedback Module (55)**.
- Quality of Life Measures Set (228):** Connected to the Database Module (51) and the **Speech Engine (214)**.
- Speech Engine (214):** Contains:
  - Speech Recognition Module (215):** Connected to the Quality of Life Measures Set (228) and the **Parser (216)**.
  - Parser (216):** Connected to the Speech Recognition Module (215) and the **Lexical Analyzer (217)**.
  - Lexical Analyzer (217):** Connected to the Parser (216) and the **Lookup Module (218)**.
  - Lookup Module (218):** Connected to the Lexical Analyzer (217) and the **Vocabulary (223)**.
- Audio Prompter (210):** Contains:
  - Speech Synthesizer (211):** Connected to the **Written Script (220)** and the **Playback Module (212)**.
  - Playback Module (212):** Connected to the Speech Synthesizer (211) and the **Pre-recorded Speech (221)**.

**Telephone Hardware (280):**

- Telephonic Interface (281):** Connected to the **Voice Prompts (226)** and the **Voice Responses (227)**.
- Voice Prompts (226):** Connected to the Telephonic Interface (281) and the **Speech Recognition Module (215)**.
- Voice Responses (227):** Connected to the Telephonic Interface (281) and the **Speech Recognition Module (215)**.
- Voice Grammar (223):** Connected to the **Speech Recognition Module (215)** and the **Vocabulary (223)**.
- Vocabulary (223):** Connected to the Voice Grammar (223) and the **Lookup Module (218)**.

The system also includes **Secondary Storage (219)** and a **Database (52)**.

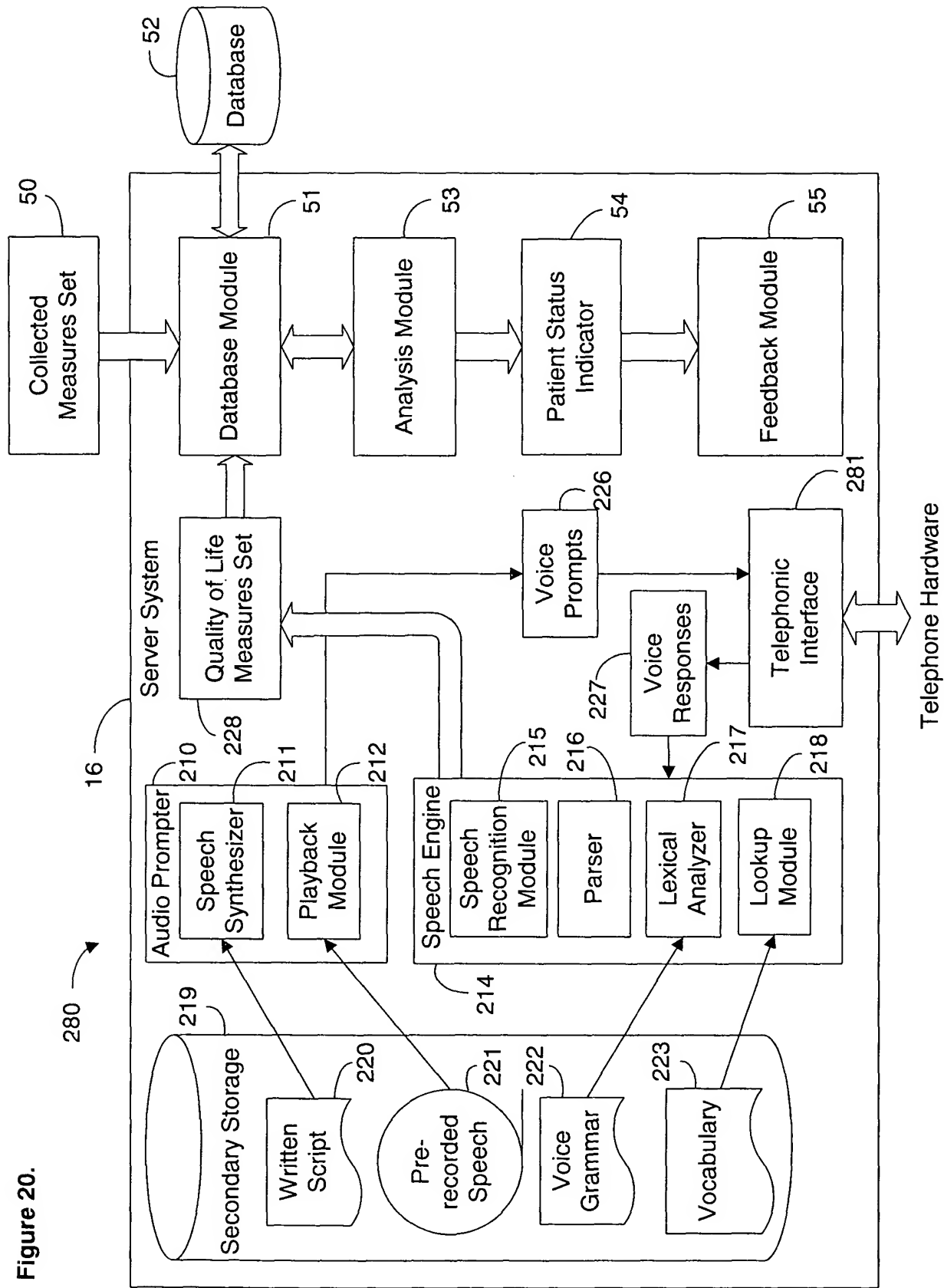


Figure 21.

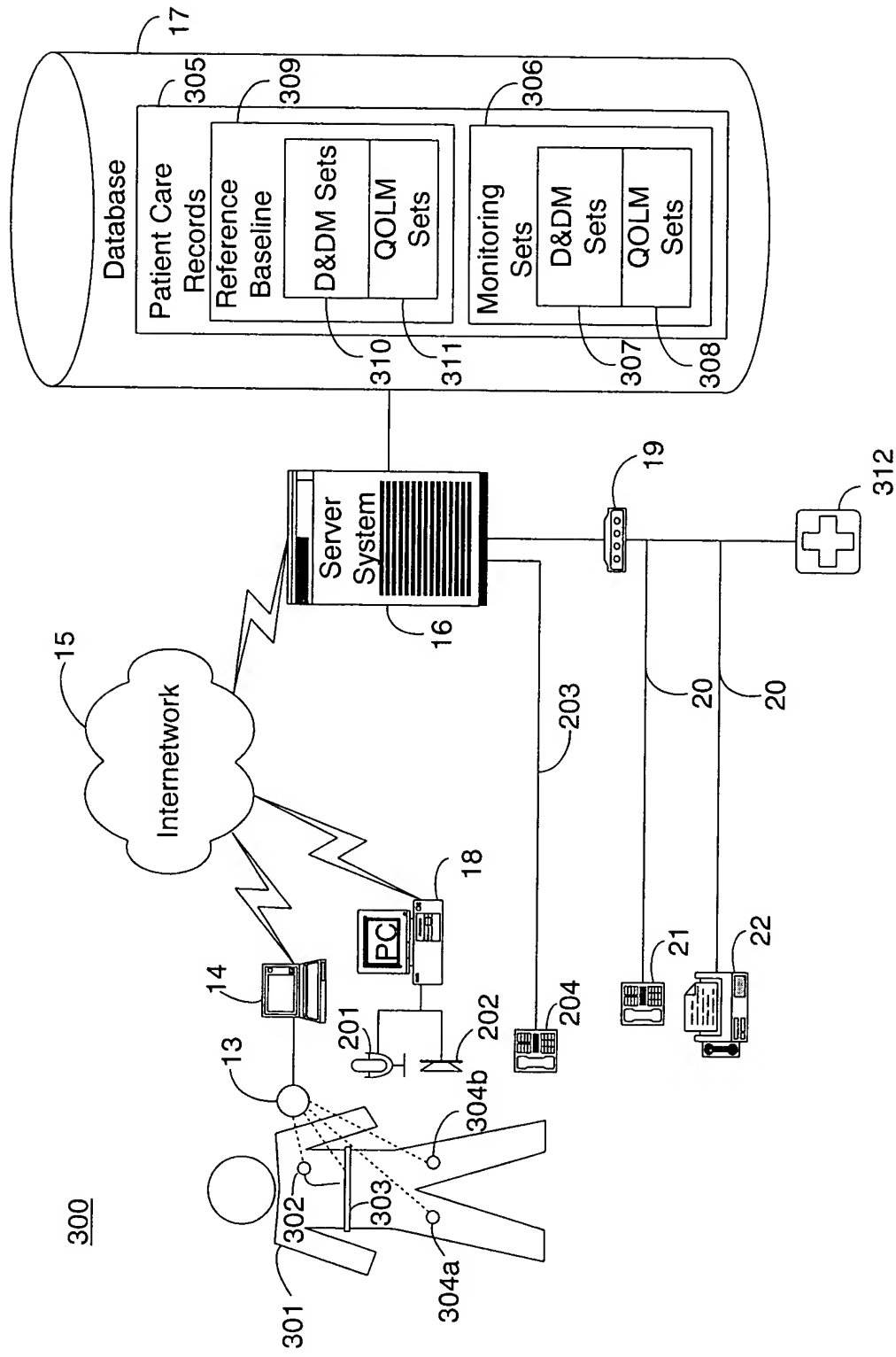


Figure 22.

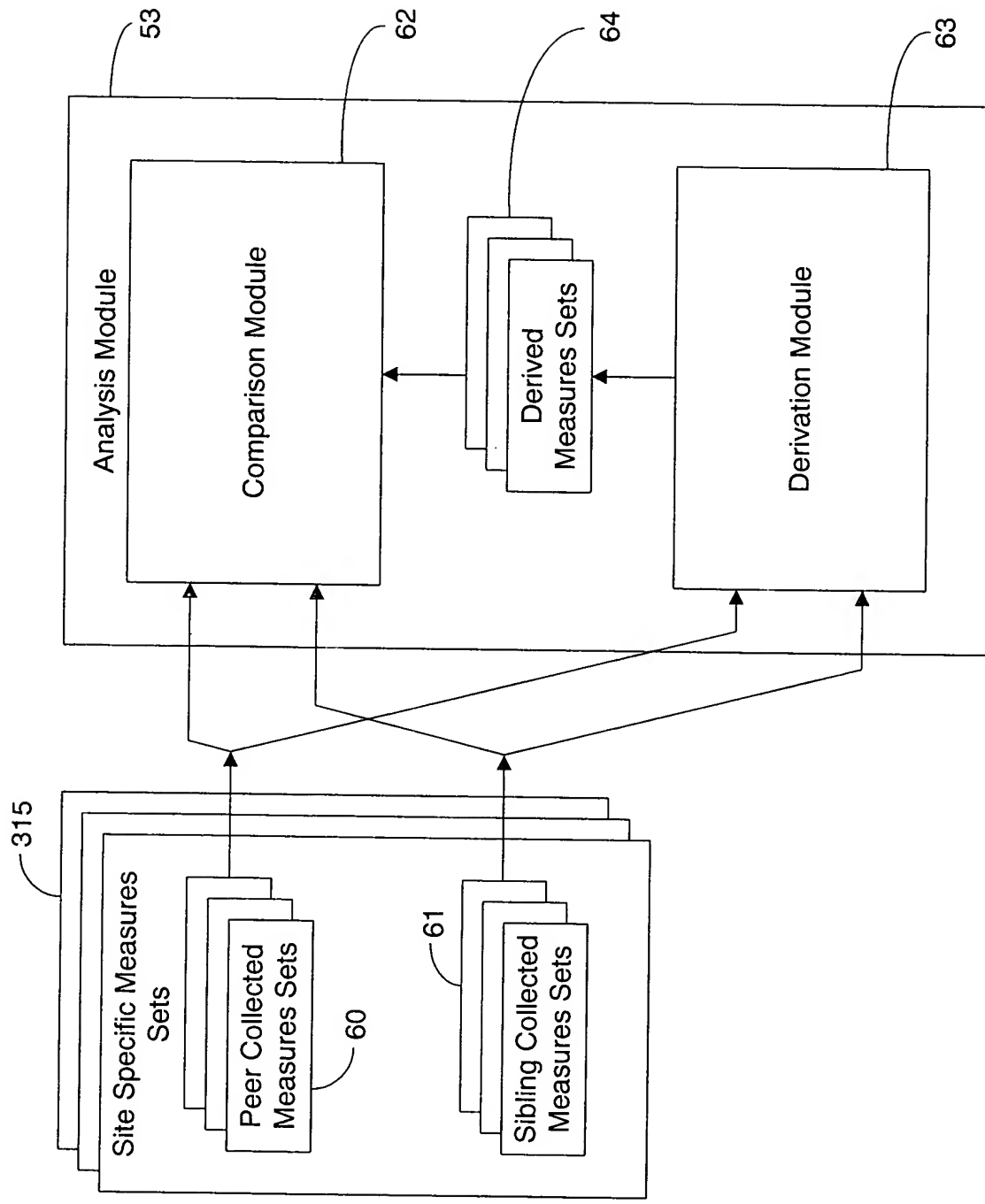




Figure 23.

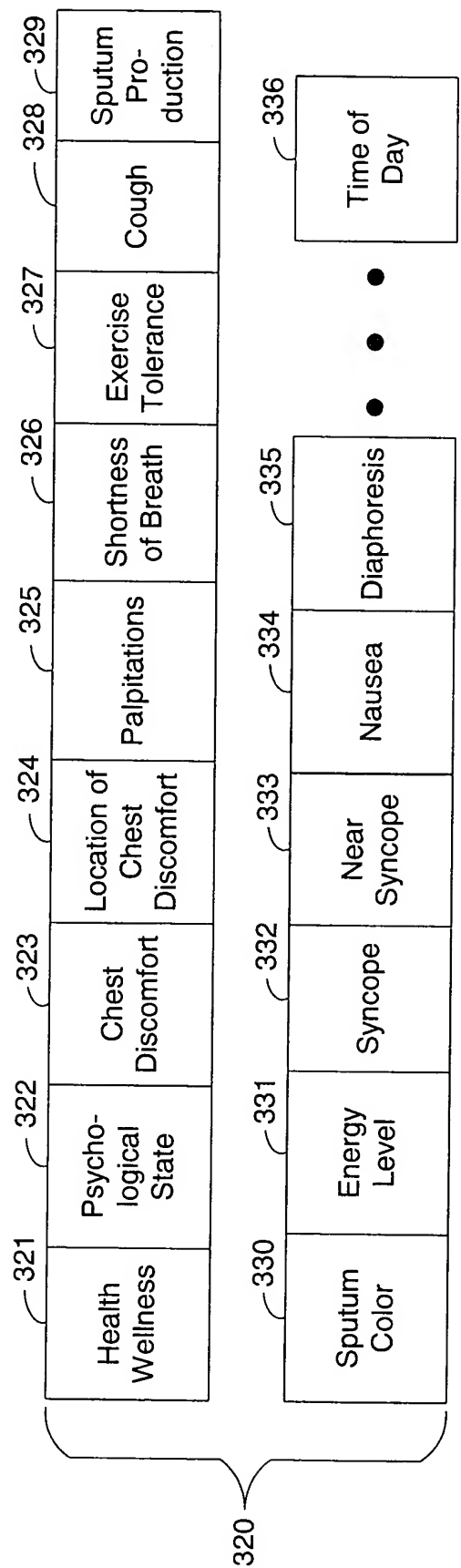


Figure 24.

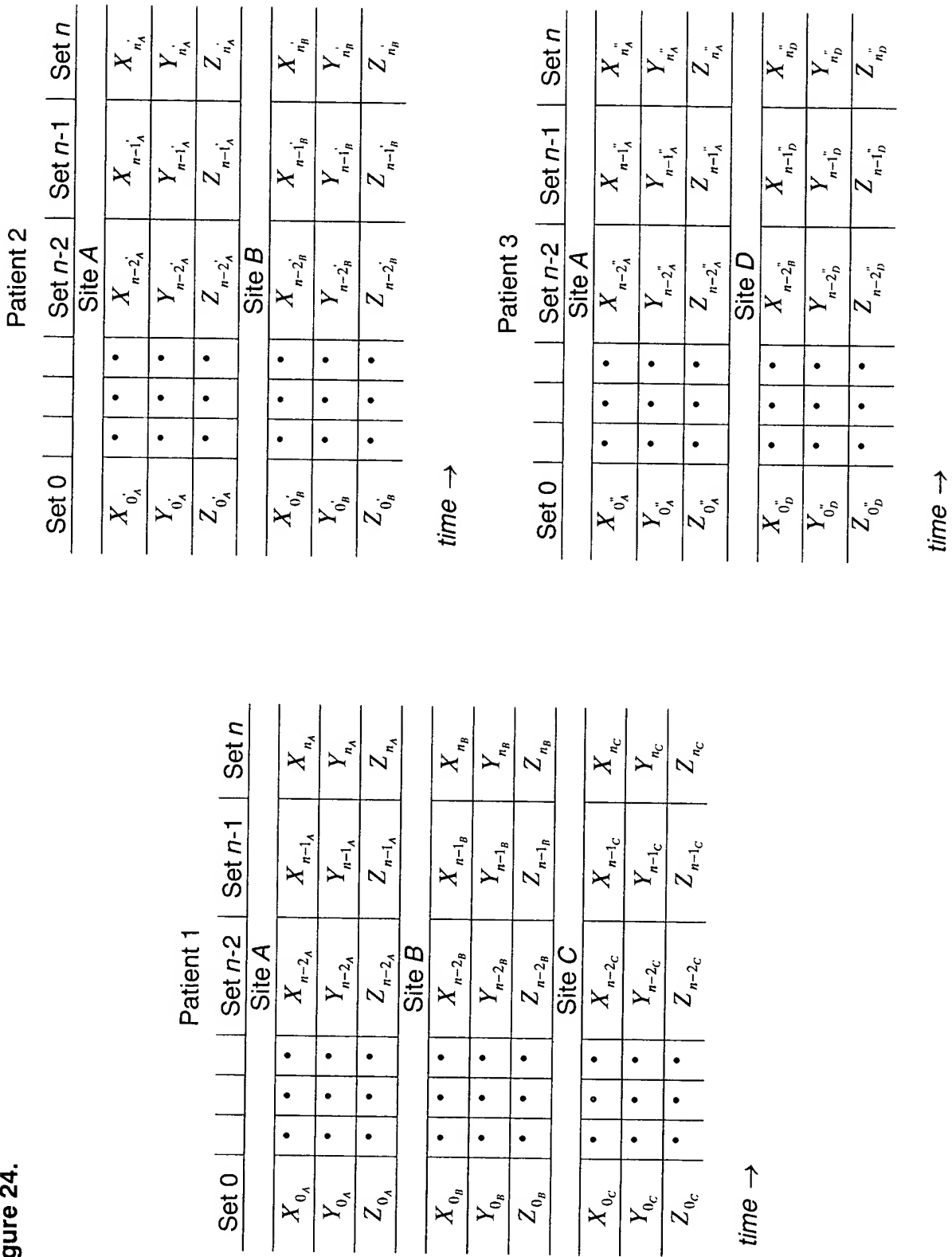


Figure 25.

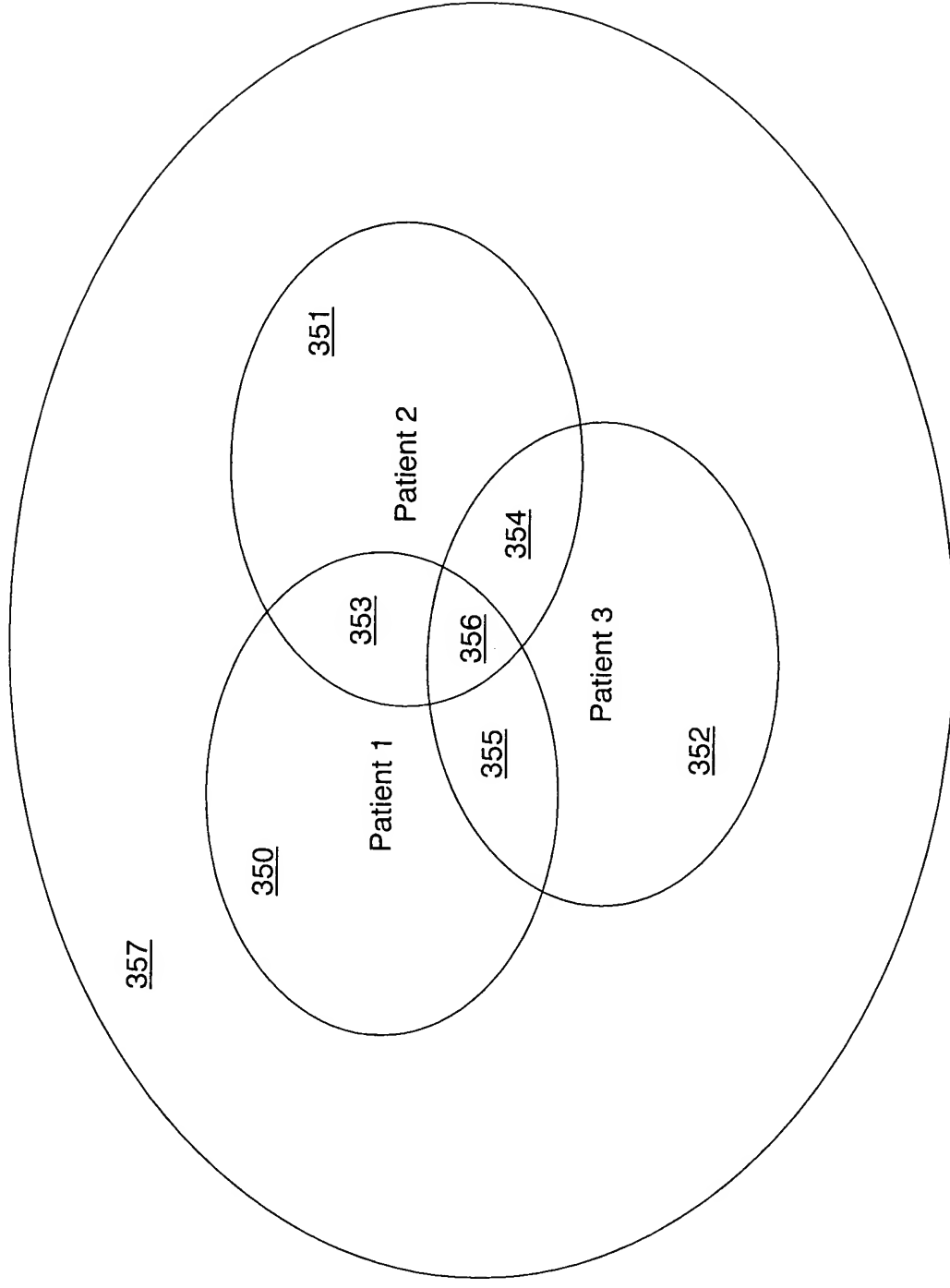


Figure 26A.

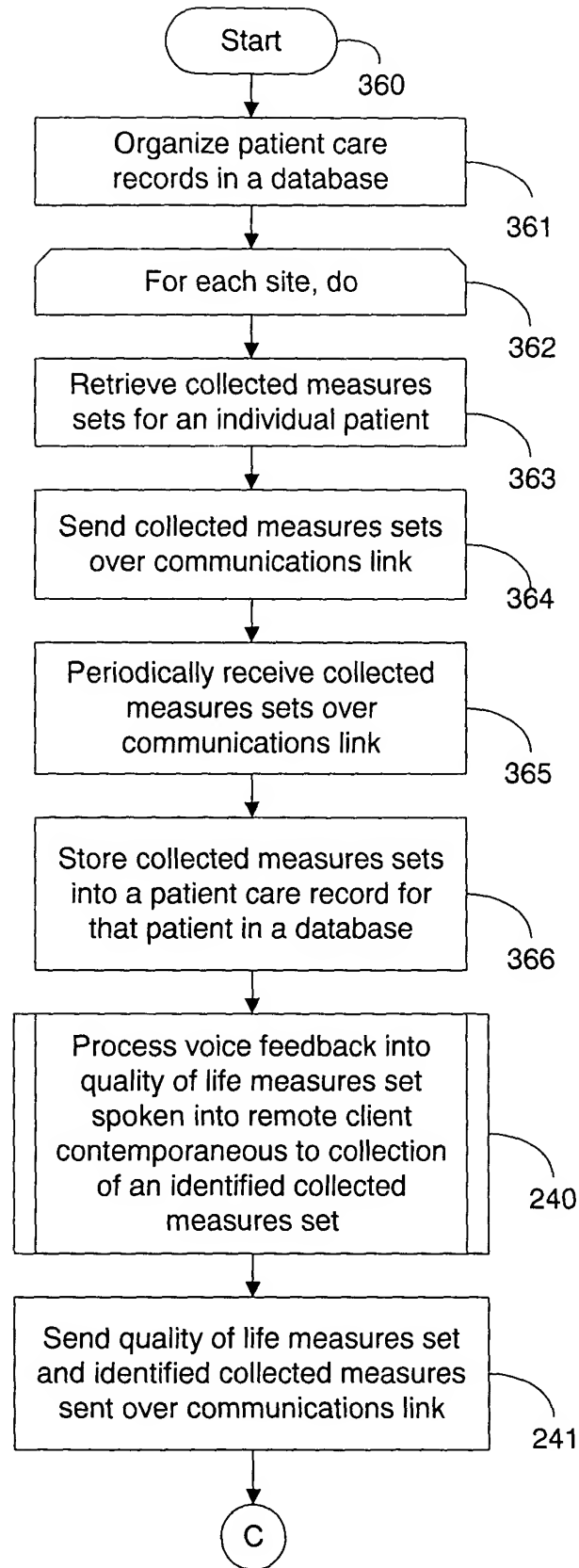


Figure 26B.

